

P53821C.

14 January 1998

Applicant: Richard G. Hyatt JR.

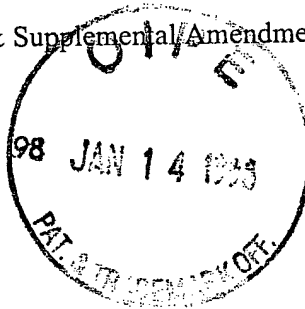
Serial No.: 08/720,070

Filed: 27 September 1996

For: ELECTROMECHANICAL CYLINDER PLUG

Document filed:

X. Transmittal Supplemental Amendment. & Supplemental Amendment



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

RICHARD G. HYATT JR.

Serial No.: 08/720,070

Examiner: BOUCHER, D.

Filed: 27 September 1996

Art Unit: 3508

For: ELECTROMECHANICAL CYLINDER PLUG

**SUPPLEMENTAL AMENDMENT**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

Supplemental to the Applicant's earlier filed Response to the Requirement for Restriction mailed on 17 September 1997 (Paper No. 8), Applicant respectfully requests re-examination, reconsideration, and entry of the following amendments.

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IN THE CLAIMS

Please add claim 11, as follows:

1       -11. A lock, comprising:

2               a shell containing a hollow recess defining a longitudinal axis and an intenser  
3       cylindrical surface;

4               a plug rotatable around said longitudinal axis while resident within said hollow  
5       recess, a bar interposed between said shell and said plug to reciprocate generally along a radial plate  
6       between a first position engaging both said shell and said plug while obstructing rotation of said  
7       plug within said recess, and a second position accommodating said rotation; said plug comprising:

8               a first base bearing a keyway providing a first electrical conductor and an  
9       orifice spaced-apart from and separated by a mass of said plug from said keyway;

10              a second base separated by an axial length of said plug from said first base,  
11       said second base bearing means for supporting a cam;

12              an exterior surface extending between and engaging said first base and said  
13       second base;

14              locking means responsive to a key inserted into said keyway to accommodate  
15       reciprocation of said bar between said first position and said second position when the key  
16       while inserted into said keyway engages in a selected relation with said locking means and  
17       obstructing said reciprocation absent said selected relation;

18              a second electrical conductor terminating with an electrical contact exposed

19 to an exterior of said first base through said aperture;

20 an electronic logic circuit coupled to receive electrical power and data signals  
21 via said first and second electrical conductors, and generating control signals in dependence  
22 upon said electrical power and data signals; and


23 an electrical operator having a distal member radially reciprocating along an  
24 axis transverse to said longitudinal axis, in dependence upon said control signals between  
25 a first orientation relative to said exterior surface enabling said reciprocation and a second  
26 and different orientation relative to said exterior surface obstructing said reciprocation.

**REMARKS**

Claims 1 through 11 are pending in this application. Claims 11 is newly added.

In view of the foregoing amendments, arguments and remarks, all claims are deemed to be allowable and this application is believed to be in condition to be passed to issue. Should any questions remain unresolved, the Examiner is requested to telephone Applicant's attorney.

Respectfully submitted,

  
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